

This volume presents selected papers from the *16th ITG Conference on Speech Communication*, held in Berlin, Germany, from September 24–26, 2025.

The contributions in this volume cover a broad spectrum of research in speech, audio, and spoken language processing—from fundamental advances to new applications. They reflect the interdisciplinary nature of the field, addressing both long-standing challenges and the new opportunities emerging with large-scale models and evolving technologies.

We would like to thank all authors for their valuable contributions, the reviewers for their careful evaluations, and the Organizing and Technical Committees for their dedication and effort.

We hope that this volume provides a useful reference for researchers in the field and gives food for thought for future research.

On behalf of the Editorial Team, the Conference Committee and the Technical Committee,

Sebastian Möller (General Chair), Technische Universität Berlin

Timo Gerkmann (General Co-Chair), Universität Hamburg

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